

Cembre LV Copper Single Bolt Cable Lugs



Cembre copper cable lugs are designed for use with stranded copper conductors to BS6360 Class 2, some sizes being also suitable for Class 5 flexible copper cables. Suitable for all LV applications upto 3300v.

Manufactured from high-conductivity seamless copper tube to EN 12735 with a purity greater than 99.5%, each product is designed to meet the requirements of BS EN61238-1:2003 when used with the appropriate die set/compression tool combination.

- ▶ Chamfered conductor entry for all sizes.
- ▶ All terminals feature a visual inspection hole to ensure correct conductor insertion prior to crimping.
- ▶ Standard finish is electrolytically tin plated to BS1872.

Specification: **BS EN61238-1:2003**

Order Reference Add stud size	Conductor Size	Stud Size	B Internal Diameter	W Palm Width	E Hole Centre	F Hole Centre	L Overall Length	Crimping Tools	Die Set
A03-M	0.25mm ² To 1.5mm ²	M3	1.8	6.0	4.5	3.5	16.0	HN 1	NA
		M3.5	1.8	6.5	4.5	3.5	16.0		
		M4	1.8	6.5	5.0	4.0	17.0		
		M5	1.8	7.5	5.5	4.5	18.0		
		M6	1.8	9.0	6.0	5.0	19.0		
A06-M	1.5mm ² To 2.5mm ²	M3	2.4	6.0	4.5	3.5	17.0	HN 1	NA
		M3.5	2.4	6.5	4.5	3.5	17.0		
		M4	2.4	7.5	5.0	4.0	18.0		
		M5	2.4	8.5	5.5	4.5	19.0		
		M6	2.4	9.0	6.0	5.0	20.0		
A1-M	4.0mm ² To 6.0mm ²	M8	2.4	12.0	9.0	8.0	26.0	HN 1	NA
		M3	3.6	7.5	4.5	3.5	20.5		
		M3.5	3.6	7.5	4.5	3.5	20.5		
		M4	3.6	8.0	5.0	4.0	21.5		
		M5	3.6	9.0	6.5	6.0	25.0		
A2-M	10mm ²	M6	3.6	11.0	7.0	6.0	25.5	HN 1	NA
		M8	3.6	14.0	9.0	8.0	29.5		
		M10	3.6	16.5	11.0	10.0	33.5		
		M4	4.6	10.0	5.0	4.0	22.5		
		M5	4.6	10.0	6.5	6.0	26.0		
A3-M	16mm ²	M6	4.6	11.0	7.0	6.0	26.5	HN 5 HN-A25 B15 HT51 HT131-C	NA NA ME2/3-15 ME2-50 ME2-C
		M8	4.6	15.0	9.0	8.0	30.5		
		M10	4.6	18.0	11.0	10.0	34.5		
		M12	4.6	19.0	14.0	12.0	39.5		
		M4	5.8	11.5	5.0	4.0	25.5		
A5-M	25mm ²	M5	5.8	11.5	6.5	6.0	29.0	HN 5 HN-A25 B15 HT51 HT131-C	NA NA ME2/3-15 ME3-50 ME3-C
		M6	5.8	11.5	7.0	6.0	29.5		
		M8	5.8	15.0	9.0	8.0	33.5		
		M10	5.8	18.0	11.0	10.0	37.5		
		M12	5.8	20.0	14.0	12.0	42.5		
A7-M	Stranded 35mm ² Flexible 25mm ²	M4	7.0	14.0	5.0	4.0	28.0	HN-A25 B35-50 HT51 HT131-C	NA ME5-50 ME5-50 ME5-C
		M5	7.0	14.0	6.5	6.0	31.5		
		M6	7.0	14.0	7.0	6.0	32.0		
		M8	7.0	15.0	9.0	8.0	36.0		
		M10	7.0	18.0	11.0	10.0	40.0		
A10-M	Stranded 50mm ² Flexible 35mm ²	M12	7.0	21.0	14.0	12.0	45.0	B35-50 HT51 HT131-C	ME7-50 ME7-50 ME7-C
		M5	8.9	17.0	6.5	6.0	34.0		
		M6	8.9	17.0	7.0	6.0	34.5		
		M8	8.9	17.0	9.0	8.0	38.5		
		M10	8.9	19.0	11.0	10.0	42.5		
A10-M	Stranded 50mm ² Flexible 35mm ²	M12	8.9	21.0	14.0	12.0	47.5	B35-50 HT51 HT131-C	ME10-50 ME10-50 ME10-C
		M14	-	-	-	-	-		
		M16	-	-	-	-	-		
		M6	10.0	19.0	8.0	7.0	40.5		
		M8	10.0	19.0	9.0	8.0	42.5		
A10-M	Stranded 50mm ² Flexible 35mm ²	M10	10.0	20.0	11.0	10.0	46.5	B35-50 HT51 HT131-C	ME10-50 ME10-50 ME10-C
		M12	10.0	21.0	14.0	12.0	51.5		
		M14	10.0	25.0	16.0	14.0	55.5		
		M16	10.0	26.0	18.0	16.0	59.5		
		M10	10.0	20.0	11.0	10.0	46.5		

All dimensions are in millimetres (mm)

LV Compression Terminals

Cembre LV Copper Single Bolt Cable Lugs

Order Reference Add stud size	Conductor Size	Stud Size	B Internal Diameter	W Palm Width	E Hole Centre	F Hole Centre	L Overall Length	Crimping Tools	Die Set
A14-M	Stranded 70mm ²	M6	11.3	21.0	8.0	7.0	44.0	B35-50 HT51 HT131-C	ME14-50
		M8	11.3	21.0	9.0	8.0	46.0		ME14-50
		M10	11.3	21.0	11.0	10.0	50.0		ME14-50
	Flexible 50mm ²	M12	11.3	22.0	14.0	12.0	55.0	HT131-C	ME14-C
		M14	11.3	25.0	16.0	14.0	59.0		ME14-C
		M16	11.3	26.0	18.0	16.0	63.0		ME14-C
A19-M	Stranded 95mm ²	M6	13.5	25.0	8.0	7.0	50.5	B35-50 HT51 HT131-C	ME19-50
		M8	13.5	25.0	9.0	8.0	52.5		ME19-50
		M10	13.5	25.0	11.0	10.0	56.5		ME19-50
	Flexible 70mm ²	M12	13.5	25.0	14.0	12.0	61.5	HT131-C	ME19-50
		M14	13.5	25.0	16.0	14.0	65.5		ME19-C
		M16	13.5	27.0	18.0	16.0	69.5		ME19-C
A24-M	Stranded 120mm ²	M6	13.5	29.5	22.0	20.0	77.5	B35-50 HT51 HT131-C	ME24L-50
		M8	15.2	28.5	9.0	8.0	54.0		ME24L-50
		M10	15.2	28.5	11.0	10.0	58.0		ME24-50
	Flexible 95mm ²	M12	15.2	28.5	14.0	12.0	63.0	HT131-C	ME24-50
		M14	15.2	28.5	16.0	14.0	67.0		ME24-C
		M16	15.2	28.5	18.0	16.0	71.0		ME24-C
A30-M	Stranded 150mm ²	M20	15.2	30.0	22.0	20.0	79.0	B35-50 HT51 HT131-C	ME24L-50
		M8	16.7	31.5	13.0	11.0	69.0		ME30L-50
		M10	16.7	31.5	13.0	11.0	69.0		ME30L-50
	Flexible 120mm ²	M12	16.7	31.5	16.0	14.0	75.0	HT131-C	ME30-50
		M14	16.7	31.5	18.0	16.0	79.0		ME30-50
		M16	16.7	31.5	19.0	17.0	81.0		ME30-C
A37-M	Stranded 185mm ²	M20	16.7	31.5	22.0	20.0	87.0	HT131-C	ME30-C
		M8	19.2	35.5	13.0	11.0	76.0	HT51 HT131-C B131-C	ME37-50
		M10	19.2	35.5	13.0	11.0	76.0		ME37-50
	Flexible 150mm ²	M12	19.2	35.5	16.0	14.0	82.0		ME37-C
		M14	19.2	35.5	18.0	16.0	86.0	B131-C	ME37-C
		M16	19.2	35.5	19.0	17.0	88.0		ME37-C
A48-M	Stranded 240mm ²	M20	19.2	35.5	22.0	20.0	94.0	HT51 HT131-C B131-C	ME37-C
		M8	21.1	39.0	13.0	11.0	82.0		ME48-50
		M10	21.1	39.0	13.0	11.0	82.0		ME48-50
	Flexible 185mm ²	M12	21.1	39.0	16.0	14.0	88.0	HT131-C	ME48-C
		M14	21.1	39.0	18.0	16.0	92.0		ME48-C
		M16	21.1	39.0	19.0	17.0	94.0		ME48-C
A60-M	Stranded 300mm ²	M20	21.1	39.0	22.0	20.0	100.0	B131-C	ME48-C
		M10	23.7	44.0	20.0	11.0	96.0	HT131-C	ME60-C
		M12	23.7	44.0	20.0	14.0	99.0		ME60-C
	Flexible 240mm ²	M14	23.7	44.0	22.0	16.0	103.0	B131-C	ME60-C
		M16	23.7	44.0	22.0	19.0	106.0		ME60-C
		M20	23.7	44.0	24.0	23.0	112.0		ME60-C
A80-M	Stranded 400mm ²	M12	27.0	51.0	22.0	19.0	113.0	HT131-C	ME80-C
		M14	27.0	51.0	22.0	19.0	113.0	B131-C	ME80-C
	Flexible 300mm ²	M16	27.0	51.0	22.0	19.0	113.0	ECW-H3D	ME80-3D
		M20	27.0	51.0	24.0	23.0	119.0	RHU520	ME80-520
A100-M	Stranded 500mm ²	M16	30.3	56.5	22.0	19.0	117.0	ECW-H3D	ME100-3D
	Flexible 400mm ²	M20	30.3	56.5	24.0	23.0	123.0	RHU520	ME100-520
A120-M	Stranded 630mm ²	M16	33.4	61.6	22.0	19.0	128.0	ECW-H3D	ME120-3D
	Flexible 500mm ²	M20	33.4	61.6	24.0	23.0	134.0	RHU520	ME120-520
A160-M	Stranded 800mm ²	M16	38.0	72.0	24.0	19.0	141.0	RHU520	ME100-520
	Flexible 630mm ²	M20	38.0	72.0	24.0	23.0	145.0		
A200-M	Stranded 1000mm ²	M16	44.0	80.0	24.0	19.0	158.0	RHU520	ME100-520
	Flexible 800mm ²	M20	44.0	80.0	24.0	23.0	162.0		

All dimensions are in millimetres (mm)